

TIMOTHY W. HEALY

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PROFESSIONAL

Platforms Optimization Lead
Oath

Baltimore, MD
Apr 2017 - Present

Scaled analysis, automated reporting, and optimization of supply on Oath's legacy AOL and Yahoo! Display, Video and Mobile programmatic advertising platforms.

Senior Analyst
TerraForm Power¹

Washington, DC
Jan 2016 - Mar 2017

Acting Product Manager for a financial application used to consolidate actual results and generate forecasts for global fleet of wind and solar power plants.

Capital Markets Analyst
SunEdison

Washington, DC
Nov 2014 - Dec 2015

Created corporate financial model that drove valuation to raise capital with investment banks. Provided analytical support to review new solar and wind projects for the Executive Committee.

Credit Analyst
Constellation Energy

Baltimore, MD
Aug 2011 - Nov 2014

Quantified credit risk and set trading limits for portfolio of counterparties engaged in energy commodities transactions.

ACADEMIC

M.S. Applied and Computational Mathematics
The Johns Hopkins University

Online
Sep 2016 - Dec 2019

Probability Theory, Mathematical Statistics, Ordinary Differential Equations, Matrix Theory, Neural Networks

B.A. Economics
Virginia Tech

Blacksburg, VA
Sep 2007 - May 2011

International Studies Minor, Vice President of the Economics Club, Runner Up in Monetary Policy Competition at the Richmond Federal Reserve

HIGHLIGHTS

Created automated process to categorize tens of thousands of URLs on the Oath platform for inventory packaging.

Helped build www.saturdaysinfall.com, a weekly college football underdog pick'em game with 100+ users.

Financial application built at TerraForm drove its eventual \$656MM acquisition by Brookfield Asset Management.

Financial model built at SunEdison supported \$1B of capital raising for new solar and wind projects.

Awarded \$1,500 merit based scholarship from Constellation Energy for efforts during an internship.

TECH

Tools: Python, R, Matlab, Bash, Tableau, Excel

Databases: Vertica, MySQL, Hadoop/Hive, OLAP Cubes

Front End: HTML, CSS, Bootstrap

Financial Products: Oracle Hyperion, SAP BPC

¹ TerraForm Power was a subsidiary of SunEdison during this period